

1     **WHAT IS CLAIMED IS:**

2             1. A ball chair comprising:

3                 a seat (10) having

4                     a seat plate with a top face (11), a bottom face, a front edge,

5                     and a rear edge;

6                     multiple extending portions (12) attached to the bottom face

7                     of the seat plate to support the seat plate;

8                     a passage (15) defined in the top face (11) of the seat plate;

9                     and

10                    a backrest (14) upwardly extending from the rear edge of the

11                    seat plate;

12                    a ball-shaped cushion (20) made of resilient bladder and partially

13                    received inside the passage (15) to rest on the seat (10);

14                    a securing device composed of a guard rod (30) with two ends (31)

15                    erecting at the front edge of the seat plate to hold the ball-shaped cushion (20)

16                    with the backrest (14) and the seat plate; and

17                    multiple legs respectively attached under the extending portions (12)

18                    of the seat (10);

19                    wherein the improvement of the ball chair comprises:

20                    multiple non-hollow strengthening blocks (40) respectively clamped

21                    between the extending portions (12) and the legs.

22             2. The ball chair as claimed in claim 1, wherein each extending

23                    portion (12) has

24                    a distal end; and

1                   a block recess (122) defined in the distal end and having an  
2                   inner periphery, a tooth (124) formed at one side on the inner periphery,  
3                   and a mortise (126) defined at another side opposite to the tooth (124)  
4                   in the inner periphery; and

5                   each strengthening block (40) is a hexahedron and has a bottom face,  
6                   an outer periphery mated with the inner periphery of the corresponding block  
7                   recess (122), a tooth dent (42) defined in the outer periphery to correspond to  
8                   the tooth (124) inside the block recess (122), and a wedge (44) formed on the  
9                   outer periphery to correspond to the mortise (126) inside the block recess  
10                  (122).

11                  3. The ball chair as claimed in claim 2, wherein the multiple legs are  
12                  wheel assemblies (50), each wheel assembly (50) comprises a wheel rack (52)  
13                  with a top insertion (522) and a wheel (54) rotatably mounted under the  
14                  wheel rack (52);

15                  an insertion hole (46) is defined in the bottom face of each  
16                  strengthening block (40) to engage with the top insertion (522) of a  
17                  corresponding wheel assembly (50).

18                  4. The ball chair as claimed in claim 1, wherein a post (56) is  
19                  clamped between each strengthening block (40) and a corresponding one of  
20                  the legs.

21                  5. The ball chair as claimed in claim 2, wherein a post (56) is  
22                  clamped between each strengthening block (40) and a corresponding one of  
23                  the legs.

24                  6. The ball chair as claimed in claim 3, wherein a post (56) is

1 clamped between each strengthening block (40) and the wheel rack (52) of a  
2 corresponding one of the wheel assemblies (50).

3 7. The ball chair as claimed in claim 4, wherein each post (56) is  
4 cone-shaped and has an enlarged flat head (562) and a tapered point head  
5 (564);

6 three positioning insertions (566) are formed on the enlarged flat  
7 head (562);

8 wherein, each strengthening block (40) has three insertion holes (46a)  
9 defined in the bottom face to respectively mate with the three positioning  
10 insertions (566) of a corresponding one of the posts (56).

11 8. The ball chair as claimed in claim 5, wherein each post (56) is  
12 cone-shaped and has an enlarged flat head (562) and a tapered point head  
13 (564);

14 three positioning insertions (566) are formed on the enlarged flat  
15 head (562);

16 wherein, each strengthening block (40) has three insertion holes (46a)  
17 defined in the bottom face to respectively mate with the three positioning  
18 insertions (566) of a corresponding one of the posts (56).